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# UNITED STATES.

REPORTS TO THE SURGEON-GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

## PLAGUE-PREVENTION WORK.

Surgeon Blue reports:

### INFECTED GROUND SQUIRREL.

During the week ended October 15, 1910, the finding of 1 plague-infected squirrel was reported. The squirrel was found October 5, 1910, in Santa Clara County, at C. M. & J. H. Weber ranch, 6 miles southeast of Coyote, Pueblo tract.

### ANIMALS EXAMINED FOR PLAGUE INFECTION.

During the week ended October 15, 1910, there were examined at the federal laboratory at San Francisco and the branch laboratories at Oakland and Los Angeles, Cal., animals as follows: Squirrels 2,072, rabbits 9, gophers 2, wood rats 1, rats 1,958. The rats were identified as follows: *Mus norvegicus* 1,699, *Mus rattus* 126, *Mus alexandrinus* 94, *Mus musculus* 39.

The total number of animals examined was 4,042. One plague-infected squirrel was found.

### DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities on San Francisco Bay, 665 acres of land in Contra Costa County, 4 in Merced County, and 205 in San Mateo County were covered with poison during the week ended October 15, 1910.

### SEATTLE, WASH.

Assistant Surgeon Chapin reports:

During the week ended October 15, 1910, 960 rats were collected. Of these 833 were necropsied and examined for plague infection. No plague-infected rats were found.

### Record of Plague Infection.

Place.	Date of last case of human plague.	Date of last case of rodent plague.	Total number of rodents found infected since May, 1907.
California:			
Cities—			
San Francisco.....	Jan. 30, 1908	Oct. 23, 1908	398 rats.
Oakland.....	Oct. 26, 1909	Dec. 1, 1908	126 rats.
Berkeley.....	Aug. 28, 1907	None recorded.	
Los Angeles.....	Aug. 11, 1908	Aug. 21, 1908	1 squirrel.
Counties:			
Alameda (exclusive of the city of Oakland)...	Sept. 26, 1909	May 30, 1910	88 squirrels, 1 wood rat.
Contra Costa.....	July 21, 1908	Sept. 10, 1910	247 squirrels.

## Record of plague infection—Continued.

Place.	Date of last case of human plague.	Date of last case of rodent plague.	Total number of rodents found infected since May, 1907
<b>California—Continued.</b>			
<b>Counties—Continued.</b>			
Merced.....	None recorded.	June 6, 1910	2 squirrels.
Monterey.....	do.....	do.....	4 squirrels.
San Benito.....	June 5, 1910	July 11, 1910	20 squirrels.
San Joaquin.....	None recorded.	Aug. 19, 1910	6 squirrels.
San Luis Obispo.....	do.....	Jan. 29, 1910	1 squirrel.
Santa Clara.....	Sept. 5, 1910	Oct. 5, 1910	23 squirrels.
Santa Cruz.....	None recorded.	May 17, 1910	3 squirrels.
Stanislaus.....	do.....	May 21, 1910	5 squirrels.
<b>Washington:</b>			
Seattle.....	Oct. 30, 1907	Feb. 8, 1910	22 rats.

## Rats Collected and Examined for Plague Infection.

Place.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
<b>California:</b>					
Berkeley.....	Oct. 15		<sup>a</sup> 156	156	
Oakland.....	do.....	20	<sup>b</sup> 679	566	
San Francisco.....	do.....	45	<sup>c</sup> 1,807	1,236	
<b>Washington:</b>					
Seattle.....	do.....		960	833	
Total.....		65	3,602	2,791	

<sup>a</sup> Identified, *Mus norvegicus* 117, *Mus musculus* 39.<sup>b</sup> Identified, *Mus norvegicus* 564, *Mus alexandrinus* 2, *Mus musculus* 113.<sup>c</sup> Identified, *Mus norvegicus* 1,271, *Mus rattus* 126, *Mus musculus* 318, *Mus alexandrinus* 92.

## Squirrels Collected and Examined for Plague Infection.

Place.	Week ended—	Trapped and shot.	Found dead.	Examined.	Found infected.
<b>California:</b>					
<b>Cities—</b>					
San Francisco.....	Oct. 15	8		8	
<b>Counties—</b>					
Calaveras.....	do.....	38		38	
Contra Costa.....	do.....	127	5	132	
Fresno.....	do.....	83		83	
Los Angeles.....	do.....	109		109	
Merced.....	do.....	94	16	110	
Monterey.....	do.....	226		217	
Sacramento.....	do.....	110		106	
San Joaquin.....	do.....	271		263	
San Luis Obispo.....	do.....	765		752	
San Mateo.....	do.....	31	13	44	
Santa Clara.....	do.....	45		45	1
Solano.....	do.....	96		96	
Tuolumne.....	do.....	69		69	
Total.....		2,072	34	2,072	1

## Other Animals Collected and Examined.

Place.	Week ended—	Animals collected.	Examined.	Found infected.
<b>California:</b>				
<b>Cities—</b>				
San Francisco.....	Oct. 15	2 gophers.....	2	
<b>Counties—</b>				
Los Angeles.....	do.....	1 wood rat.....	1	
San Luis Obispo.....	do.....	3 rabbits.....	3	
Santa Clara.....	do.....	1 rabbit.....	1	
Solano.....	do.....	2 rabbits.....	2	
Tuolumne.....	do.....	3 rabbits.....	3	
Total.....			12	